

CLAIMS

What is claimed is:

1. A method for differential dynamic content delivery, the method comprising:

providing to a multiplicity of users a presentation including content from a
session document;

5 streaming presentation speech to the user including individual speech from at
least one user participating in the presentation;

converting the presentation speech to text;

10 detecting whether the presentation speech contains simultaneous individual
speech from two or more users; and

displaying the text if the presentation speech contains simultaneous
15 individual speech from two or more users.
2. The method of claim 1 wherein the presentation speech contains
simultaneous individual speech from two or more users, the method includes
identifying a period of simultaneous speech, and displaying the text includes
displaying presentation text for a presentation period longer than the period
5 of simultaneous speech.
3. The method of claim 1 wherein detecting whether the presentation speech
contains simultaneous speech from two or more users further comprises
determining whether a period of individual speech from a first user overlaps a

period of individual speech from another user.

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4. The method of claim 1 wherein displaying the text further comprises segregating display text.
5. The method of claim 2 wherein segregating display text further comprises segregating display text according to channel.
6. The method of claim 2 wherein segregating display text further comprises segregating display text according to user.
7. The method of claim 1 wherein providing to a multiplicity of users a presentation including content from a session document further comprises:

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providing a session document for the presentation, wherein the session document includes a session grammar and a session structured document;

selecting from the session structured document a classified structural element in dependence upon user classifications of a user participant in the presentation; and

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presenting the selected structural element to the user.

8. The method of claim 7 wherein selecting a classified structural element further comprises selecting a classified structural element having an associated classification identifier that corresponds to the user classification.
9. The method of claim 7 further comprising creating a session document from a presentation document, including:

identifying a presentation document for a presentation, the presentation

- 5 document including a presentation grammar and a structured document
having structural elements classified with classification identifiers;
- identifying a user participant for the presentation, the user having a user
profile comprising user classifications; and
- 10 filtering the structured document in dependence upon the user classifications
and the classification identifiers.
10. The method of claim 9 further comprising filtering the presentation grammar,
in dependence upon the extracted structural elements, into a session grammar
in the session document.
11. The method of claim 9 further comprising creating a presentation document,
including:
- 5 creating, in dependence upon an original document, a structured document
comprising one or more structural elements;
- classifying a structural element of the structured document according to a
presentation attribute; and
- 10 creating a presentation grammar for the structured document, wherein the
presentation grammar for the structured document includes grammar
elements each of which includes an identifier for at least one structural
element of the structured document.
12. The method of claim 11 wherein classifying a structural element comprises:
- identifying a presentation attribute for the structural element;

5 identifying a classification identifier in dependence upon the presentation attribute; and

inserting the classification identifier in association with the structural element in the structured document.

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13. The method of claim 11 wherein creating a presentation grammar for the structured document comprises:

identifying the content type of the original document;

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selecting, in dependence upon the content type, a full presentation grammar from among a multiplicity of full presentation grammars; and

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filtering the full presentation grammar into a presentation grammar for the structured document in dependence upon the structural elements of the structured document.

14. A system for differential dynamic content delivery, the system comprising:
- means for providing to a multiplicity of users a presentation including content from a session document;
- 5 means for streaming presentation speech to the user including individual speech from at least one user participating in the presentation;
- means for converting the presentation speech to text;
- 10 means for detecting whether the presentation speech contains simultaneous individual speech from two or more users; and
- means for displaying the text if the presentation speech contains simultaneous individual speech from two or more users.
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15. The system of claim 13 wherein the presentation speech contains simultaneous individual speech from two or more users, the system includes means for identifying a period of simultaneous speech, and means for displaying the text includes means for displaying presentation text for a presentation period longer than the period of simultaneous speech.
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16. The system of claim 13 wherein means for detecting whether the presentation speech contains simultaneous speech from two or more users further comprises means for determining whether a period of individual speech from a first user overlaps a period of individual speech from another user.
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17. The system of claim 13 wherein means for displaying the text further comprises means for segregating display text.
18. The system of claim 14 wherein means for segregating display text further

comprises means for segregating display text according to channel.

19. The system of claim 14 wherein means for segregating display text further comprises means for segregating display text according to user.

20. The system of claim 14 wherein means for providing to a multiplicity of users a presentation including content from a session document further comprises:

5 means for providing a session document for the presentation, wherein the session document includes a session grammar and a session structured document;

10 means for selecting from the session structured document a classified structural element in dependence upon user classifications of a user participant in the presentation; and

means for presenting the selected structural element to the user.

21. The system of claim 20 wherein means for selecting a classified structural element further comprises means for selecting a classified structural element having an associated classification identifier that corresponds to the user classification.

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22. The system of claim 20 further comprising means for creating a session document from a presentation document, including:

5 means for identifying a presentation document for a presentation, the presentation document including a presentation grammar and a structured document having structural elements classified with classification identifiers;

means for identifying a user participant for the presentation, the user having a user profile comprising user classifications; and

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means for filtering the structured document in dependence upon the user classifications and the classification identifiers.

23. The system of claim 22 further comprising means for filtering the presentation grammar, in dependence upon the extracted structural elements, into a session grammar in the session document.

24. The system of claim 22 further comprising means for creating a presentation document, including:

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means for creating, in dependence upon an original document, a structured document comprising one or more structural elements;

means for classifying a structural element of the structured document according to a presentation attribute; and

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means for creating a presentation grammar for the structured document, wherein the presentation grammar for the structured document includes grammar elements each of which includes an identifier for at least one structural element of the structured document.

25. The system of claim 24 wherein means for classifying a structural element comprises:

means for identifying a presentation attribute for the structural element;

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means for identifying a classification identifier in dependence upon the presentation attribute; and

10 means for inserting the classification identifier in association with the structural element in the structured document.

26. The system of claim 24 wherein means for creating a presentation grammar for the structured document comprises:

5 means for identifying the content type of the original document;

means for selecting, in dependence upon the content type, a full presentation grammar from among a multiplicity of full presentation grammars; and

10 means for filtering the full presentation grammar into a presentation grammar for the structured document in dependence upon the structural elements of the structured document.

27. A computer program product for differential dynamic content delivery, the computer program product comprising:

a recording medium;

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means, recorded on the recording medium, for providing to a multiplicity of users a presentation including content from a session document;

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means, recorded on the recording medium, for streaming presentation speech to the user including individual speech from at least one user participating in the presentation;

means, recorded on the recording medium, for converting the presentation speech to text;

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means, recorded on the recording medium, for detecting whether the presentation speech contains simultaneous individual speech from two or more users; and

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means, recorded on the recording medium, for displaying the text if the presentation speech contains simultaneous individual speech from two or more users.

28. The computer program product of claim 25 wherein the presentation speech contains simultaneous individual speech from two or more users, the computer program product includes means, recorded on the recording medium, for identifying a period of simultaneous speech, and means, recorded on the recording medium, for displaying the text includes means, recorded on the recording medium, for displaying presentation text for a presentation period longer than the period of simultaneous speech.

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29. The computer program product of claim 25 wherein means, recorded on the recording medium, for detecting whether the presentation speech contains simultaneous speech from two or more users further comprises means, recorded on the recording medium, for determining whether a period of individual speech from a first user overlaps a period of individual speech from another user.
30. The computer program product of claim 25 wherein means, recorded on the recording medium, for displaying the text further comprises means, recorded on the recording medium, for segregating display text.
31. The computer program product of claim 26 wherein means, recorded on the recording medium, for segregating display text further comprises means, recorded on the recording medium, for segregating display text according to channel.
32. The computer program product of claim 26 wherein means, recorded on the recording medium, for segregating display text further comprises means, recorded on the recording medium, for segregating display text according to user.
33. The computer program product of claim 27 wherein means, recorded on the recording medium, for providing to a multiplicity of users a presentation including content from a session document further comprises:
- means, recorded on the recording medium, for providing a session document for the presentation, wherein the session document includes a session grammar and a session structured document;
- means, recorded on the recording medium, for selecting from the session structured document a classified structural element in dependence upon user

classifications of a user participant in the presentation; and

means, recorded on the recording medium, for presenting the selected structural element to the user.

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34. The computer program product of claim 33 wherein means, recorded on the recording medium, for selecting a classified structural element further comprises means, recorded on the recording medium, for selecting a classified structural element having an associated classification identifier that corresponds to the user classification.

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35. The computer program product of claim 33 further comprising means, recorded on the recording medium, for creating a session document from a presentation document, including:

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means, recorded on the recording medium, for identifying a presentation document for a presentation, the presentation document including a presentation grammar and a structured document having structural elements classified with classification identifiers;

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means, recorded on the recording medium, for identifying a user participant for the presentation, the user having a user profile comprising user classifications; and

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means, recorded on the recording medium, for filtering the structured document in dependence upon the user classifications and the classification identifiers.

36. The computer program product of claim 34 further comprising means, recorded on the recording medium, for filtering the presentation grammar, in dependence upon the extracted structural elements, into a session grammar in

the session document.

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37. The computer program product of claim 34 further comprising means, recorded on the recording medium, for creating a presentation document, including:

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means, recorded on the recording medium, for creating, in dependence upon an original document, a structured document comprising one or more structural elements;

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means, recorded on the recording medium, for classifying a structural element of the structured document according to a presentation attribute; and

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means, recorded on the recording medium, for creating a presentation grammar for the structured document, wherein the presentation grammar for the structured document includes grammar elements each of which includes an identifier for at least one structural element of the structured document.

38. The computer program product of claim 36 wherein means, recorded on the recording medium, for classifying a structural element comprises:

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means, recorded on the recording medium, for identifying a presentation attribute for the structural element;

means, recorded on the recording medium, for identifying a classification identifier in dependence upon the presentation attribute; and

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means, recorded on the recording medium, for inserting the classification identifier in association with the structural element in the structured document.

39. The computer program product of claim 36 wherein means, recorded on the recording medium, for creating a presentation grammar for the structured document comprises:

5 means, recorded on the recording medium, for identifying the content type of the original document;

means, recorded on the recording medium, for selecting, in dependence upon the content type, a full presentation grammar from among a multiplicity of full presentation grammars; and
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means, recorded on the recording medium, for filtering the full presentation grammar into a presentation grammar for the structured document in dependence upon the structural elements of the structured document.
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